

## PATENT COOPERATION TREATY

## PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT  
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>WIL-P001WO</b>	<b>FOR FURTHER ACTION</b>	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. <b>PCT/SG 03/00217</b>	International filing date (day/month/year) <b>12.09.2003</b>	Priority date (day/month/year) <b>21.10.2002</b>
International Patent Classification (IPC) or both national classification and IPC <b>H04L29/06</b>		
Applicant <b>WIRELESS INTELLECT LABS PTE LTD et al.</b>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 2 sheets.

3. This report contains indications relating to the following items:

- I  Basis of the opinion
- II  Priority
- III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand <b>29.04.2004</b>	Date of completion of this report <b>08.03.2005</b>
Name and mailing address of the international preliminary examining authority:  European Patent Office - P.B. 5818 Patentfaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016	Authorized Officer <b>Karavassilis, N</b> Telephone No. +31 70 340-4273 

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/SG 03/00217

**I. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, Pages**

1-9 as originally filed

**Claims, Numbers**

2-9, 11-18 as originally filed  
1, 10 received on 07.02.2005 with letter of 07.02.2005

**Drawings, Sheets**

1/6-6/6 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the *language in which the international application was filed, unless otherwise indicated under this item.*

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).  
 the language of publication of the international application (under Rule 48.3(b)).  
 the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.  
 filed together with the international application in computer readable form.  
 furnished subsequently to this Authority in written form.  
 furnished subsequently to this Authority in computer readable form.  
 The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
 The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:  
 the claims, Nos.:  
 the drawings, sheets:

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/SG 03/00217

5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Yes: Claims	1-18
	No: Claims	
Inventive step (IS)	Yes: Claims	1-18
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-18
	No: Claims	

2. Citations and explanations

**see separate sheet**

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/SG 03/00217

1. Reference is made to the following document:

D1: US-B1-6 412 004 (DEAN DAWSON FRANK ET AL) 25 June 2002 (2002-06-25)

2. Document D1, which is considered to represent the most relevant state of the art, discloses a system and a method in which a meta-server keeps a list of servers which store a certain multimedia content. When a user requests a certain content, the meta-server sends the list with the appropriate content servers. The user selects the most appropriate content-server from which it downloads the content. However, D1 differs from the subject matter of independent claims 1 (method) and 10 (system) in that it does not disclose the features of : generating a source list for containing at least one acquisition source by a Real-time Multimedia Data On Demand (RTMDOD) server, each of the at least one acquisition source contained in the source list being for provision of data therefrom and being in data communication with the RTMDOD server, the data provided by each of the at least one acquisition server being unique; providing the source list to a data requester system, the source list being provided by the RTMDOD server in response to the RTMDOD server receiving a list request from the data requester system, the data requester system being in data communication with the RTMDOD server; and receiving a data request from the data requester system by the RTMDOD server, the data request being a request for data from one or more of the at least one acquisition source being registered on the source list and being indicated thereby.
3. The problem solved by the differing features of independent claim 1 and 10 is how to enable a user to be informed about the currently available real time multimedia data acquisition sources, which generate live real time data, and thereby select one from which to receive data. The advantage offered by this solution is, that users can select acquisition servers which generate unique real time data , without this data having to be stored in content servers first.
4. Therefore the subject matter of independent claims 1(method) and 10 (system) is considered to meet the requirements of the Article 33 of the PCT for novelty (Art. 33(2)PCT), inventive step (Art. 33(3) PCT) and industrial applicability (Art. 33(4) PCT). Claims 2-9 and 11-18 are dependent on claims 1 and 10 respectively and as such also meet the requirements of PCT for novelty, inventive step and industrial applicability (Art. 33(2)PCT), 33(3) PCT and 33(4)PCT).

**Claims**

1. A data acquisition source management method for managing acquisition sources, the data acquisition source management method comprising the steps of:

5 generating a source list for containing at least one acquisition source by a Real-time Multimedia Data On Demand (RTMDOD) server, each of the at least one acquisition source contained in the source list being for provision of data therefrom and being in data communication with the RTMDOD server, the data provided by each of the at least one acquisition source being unique;

10 providing the source list to a data requestor system, the source list being provided by the RTMDOD server in response to the RTMDOD server receiving a list request from the data requestor system, the data requestor system being in data communication with the RTMDOD server; and

15 receiving a data request from the data requestor system by the RTMDOD server, the data request being a request for data from one or more of the at least one acquisition source being registered on the source list and being indicated thereby.

2. The data acquisition source management method as in claim 1, further comprising a step of:

20 providing a data response from the RTMDOD server to the data requestor system in responses to the data request being received by the RTMDOD server from the data requestor system.

25 3. The data acquisition source management method as in claim 1, the step of generating a source list containing at least one acquisition source comprising the steps of:

transmitting registration data from the at least one acquisition source to the RTMDOD server;

30 verifying the registration data from the at least one acquisition source by the RTMDOD server; and

registering the at least one acquisition source onto the source list and storing the registration data corresponding to the registered at least one

## 12

providing an error message to the data requestor system by the RTMDOD server in response to the data request.

9. The data acquisition source management method as in claim 4, the step of providing a source list to the data requestor system further comprising the steps of:
  - verifying status of each of the acquisition source registered on the source list, the status of each of the acquisition source being one of active or inactive;
  - 10 updating the source list by removing the acquisition source having the status of inactive therefrom; and
  - transmitting the updated source list to each of the plurality of data requestor system registered on the requestor list.
- 15 10. A data acquisition source management system for managing acquisition sources, the data acquisition source management system comprising:
  - the means for generating a source list for containing at least one acquisition source by a Real-time Multimedia Data On Demand (RTMDOD) server, each of the at least one acquisition source contained in the source list being for provision of data therefrom and being in data communication with the RTMDOD server, the data provided by each of the at least one acquisition source being unique;
  - 20 the means for providing the source list to a data requestor system, the source list being provided by the RTMDOD server in response to the RTMDOD server receiving a list request from the data requestor system, the data requestor system being in data communication with the RTMDOD server; and
  - 25 the means for receiving a data request from the data requestor system by the RTMDOD server, the data request being a request for data from one or more of the at least one acquisition source being registered on the source list and being indicated thereby.